

Amendments to the Claims

Claims 1-17 (Cancelled).

18. (Currently Amended) Method for the manufacture of an angular transducer unit for an angular switching device, comprising:
in which ~~inserting and fixing~~ a transducer element ~~is inserted and fixed~~ in an angled bush, wherein the angled bush comprises a tubular component having an axial direction and an opening opening transversely to the axial direction for receiving the transducer element, the inserting and fixing of the transducer element in the angled bush comprising:
bringing the transducer element ~~is brought~~ into aligned engagement with a transducer receptacle ~~formed~~ in a tool,
~~for the precise positioning with respect to the transducer element, then~~
bringing the bush ~~is brought~~ into an aligned, at least partial ~~positive~~ engagement with a bush receptacle appropriately constructed in the tool, to position the bush with respect to the transducer element,
fixing the transducer element in the bush, ~~for completing the transducer unit the transducer element is fixed in the bush and~~
at least partially forming the transducer receptacle ~~is at least partly formed by inserting or engaging a transducer centring device, which is inserted or engaged in a tool body of the tool.~~
19. (Currently Amended) Method according to claim 18, ~~wherein~~ further comprising inserting or engaging a bush centring device in the tool body to form the bush receptacle ~~is at least partly formed by a bush centring device, which is inserted or engaged in the tool body.~~
20. (Currently Amended) Method according to claim 18, ~~wherein~~ further comprising fixing the transducer element ~~is fixed~~ relative to the tool.

21. (Currently Amended) Method according to claim 20, wherein the fixing of the transducer element ~~is fixed by~~ is provided using at least one of: vacuum, adhesives, adhesive tapes, ~~and~~ or magnets.
22. (Currently Amended) Method according to claim 18, ~~wherein~~ further comprising fixing the transducer centring device ~~is fixed~~ relative to the tool body.
23. (Currently Amended) Method according to claim 19, ~~wherein~~ further comprising fixing the bush centring device ~~is fixed~~ relative to the tool body.
24. (Currently Amended) Method according to claim 22, wherein the fixing of the transducer centring device ~~is fixed by~~ is provided using at least one of: adhesives, adhesive tapes, vacuum, ~~and~~ or magnets.
25. (Currently Amended) Method according to claim 23, wherein the fixing of the bush centring device ~~is fixed by~~ is provided using at least one of: adhesives, adhesive tapes, vacuum, ~~and~~ or magnets.
26. (Currently Amended) Method according to claim 21, ~~wherein~~ further comprising sucking the transducer element ~~is sucked~~ onto the tool by means of at least one vacuum duct in the tool body.
27. (Currently Amended) Method according to claim 24 ~~26~~, wherein a pressure compensation takes place on radially outer areas of ~~[[a]]~~ the sucked on transducer element by means of compensating ducts in the tool body.
28. (Currently Amended) Method according to claim 18, ~~wherein~~ further comprising removing the transducer centring device ~~is removed~~ prior to fixing the transducer element in the bush.

29. (Currently Amended) Method according to claim 18, wherein the fixing of the transducer element ~~is fixed~~ in the bush is provided by at least partly filling ~~the~~ gaps with at least one of: foam ~~and~~ or moulding material.
30. (Currently Amended) Method according to claim 18, wherein use is made of a tool with steps, which as a stop engages with at least one of: a front end ~~and~~ or a setback shoulder of the bush.
31. (Currently Amended) Method according to claim 18, wherein further comprising manufacturing several transducer units ~~are manufactured~~ in parallel using ~~one tool~~ with a plurality of transducer receptacles and bush receptacles.
32. (Currently Amended) Method according to claim 18, wherein further comprising fixing the bush ~~is fixed~~ relative to the tool.
33. (Currently Amended) Method according to claim 32, wherein the fixing of the bush is ~~fixed relative to the tool~~ provided using a holder provided on the tool.
34. (Currently Amended) Method according to claim 18, wherein further comprising inserting and fixing several transducer elements ~~are inserted and fixed~~ in an the angled bush.
35. (Currently Amended) Method according to claim 18, wherein further comprising pressing a shielding can ~~is positively pressed~~ into the bush.
36. (Currently Amended) Method according to claim 35, wherein further comprising fixing the shielding can ~~is fixed~~ to a printed circuit board.

37. (Currently Amended) Method according to claim 36, ~~wherein~~ further comprising soldering the shielding can ~~is soldered~~ to ~~[[a]]~~ the printed circuit board.
38. (Currently Amended) Method according to claim 35, ~~wherein~~ further comprising soldering the transducer unit ~~is soldered~~ to ~~[[a]]~~ the shielding can.
39. (Currently Amended) Method according to claim 36, ~~wherein~~ further comprising soldering the transducer unit ~~is soldered~~ to ~~[[a]]~~ the shielding can.
40. (Currently Amended Presented) Method according to claim 38, ~~wherein~~ further comprising soldering the transducer unit ~~is soldered~~ to the shielding can by means of at least one clip provided thereon.
41. (Currently Amended) Method according to claim 18, ~~wherein~~ further comprising bringing the bush ~~is brought~~ into at least one of: a positive, a non-positive engagement, ~~and or~~ a locking engagement with a printed circuit board.
42. (Currently Amended) Method for the manufacture of an angular transducer unit for an angular switching device, comprising:
~~in which~~ inserting and fixing a transducer element ~~is inserted and fixed~~ in an angled bush, wherein the angled bush comprises a tubular component having an axial direction and an opening opening transversely to the axial direction for receiving the transducer element, the inserting and fixing of the transducer element in the angled bush comprising:
bringing the transducer element ~~is brought~~ into aligned engagement with a transducer receptacle ~~formed~~ in a tool,
~~for the precise positioning with respect to the transducer element, then~~
bringing the bush ~~is brought~~ into an aligned, at least partial positive engagement with a bush receptacle appropriately constructed in the tool, to position the bush with respect to the transducer element,

fixing the transducer element in the bush, for completing the
~~transducer unit the transducer element is fixed in the bush and~~
at least partially forming the bush receptacle is at least partly formed
~~by inserting or engaging a bush centring device, which is inserted or engaged~~
~~in the~~ a tool body of the tool.